

FOL'MER, N.I.

Study of the effectiveness of T.S.Mal'tsev's tillage system in
the southern trans-Ural region. Agrobiologiya no.4:99-107 J1-Ag
'56. (MLRA 9:10)

1.Troitskoye opytnoye pole, gerod Troitsk, Chelyabinskoy oblasti.
(Chelyabinsk Province--Tillage)

USSR / Soil Science Tilling. Melioration. Erosion. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48678

Author : ~~Fol'mer, N. I.~~
Inst : All-Union Academy of Agricultural Sciences im.
V. I. Lenin

Title : An Experiment in the Application of Soil
Cultivation Method Developed by T. S. Mal'tsev"

Orig Pub : Dokl. VASKHNIL, 1956, No 3, 16-18

Abstract : The following three methods of soil cultivation
were studied on the Troitskoye Experimental
Field: the usual terraced plowing to the depth
of 30-35 cm, plowing without the moldboard to
the same depth, and shallow plowing to the depth
of 4-5 cm without deep plowing. The highest
yield and the best quality of the spring wheat
grain of the Iskra variety were obtained with

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USSR / Soil Science Tilling. Melioration. Erosion. J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48678

moldboard-less plowing and with surface plowing.
The article points out the positive effect of
the stubble for holding back the snow and for
the accumulation of moisture in the soils of
the steppe and forest-steppe of the Chelyabinsk
region. -- P. N. Kizima

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FOL'MER, N.I.

Cultivation practices for annual forage plants in the southern
foreststeppe of the trans-Ural region. Zemledelie 5 no.3:35-38
Mr '57. (MLRA 10:3)
(Siberia--Forage plants)

POL'MER, N.I.

Studying different tillage methods in virgin lands of the southern trans-Ural region. Agrobiologiya no.5:149-159 S-O '57. (MIRA 10:10)

1. Troitskoye opytnoye pole, Chelyabinskaya oblast'.
(Chelyabinsk Province--Tillage)

POLOMEN, N.I.

Effectiveness of snow retention by stubble strips in the southern
trans-Ural region. Dokl.Akad.sel'khoz.22 no.5:15-19 '57. (MLRA 10:9)

1. Troitskoye opytuoye pole. Predstavleno akademikom I.V.Yakushkinym.
(Snow) (Oral Mountain region--Soil moisture)

FOL'MER, N.I., Cand Agr Sci --(diss) " Experience of study of ^{the} ~~the~~ the effectiveness of new methods of soil treatment in ^{the} ~~the~~ Southern Transural ~~Zemel'ye~~." Ufa, 1958. 26 pp (Min of Agr USSR. Bashkir ~~Agri~~ Agr Inst), 150 copies (EI,29-59, 130)

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FOL'MER, N.I.

Buffer strips as means of controlling droughts in the southern
trans-Ural region. Zemledelie 7 no.7:90-93 J1 '59.

(MIRA 12:9)

1. Troitskoye opytnoye pole, Chelyabinskoy oblasti.
(Siberia, Western--Field crops)
(Windbreaks, shelterbelts, etc.)

TAYCHINOV, S.N., doktor sel'skokhozyaystvennykh nauk; FOL'MER, N.I.

Cultivation of fallows in arid Cis-Ural and trans-Ural regions.
Zemledelie 7 no.12:63-67 D '59. (MIRA 13:3)

1. Bashkirskiy sel'skokhozyaystvennyy institut (for Taychinov).
2. Troitskoye opytnoye pole (for Fol'mer).
(Ural Mountain region--Fallowing)

FOL'MER, N.I., kand.sel'skokhozyaystvennykh nauk

Studying fall plowing. Zemledelie 25 no.12:63-65 D '63.
(MIRA 17:4)

1. Omskiy sel'skokhozyaystvennyy institut.

FOL'MER, N.I., kand. sel'skokhozyaystvennykh nauk

Fall-plowed planed fields and stubble strips. Zemledelie 26 no.9:
25-27 S '64. (MIRA 17:11)

1. Omskiy sel'skokhozyaystvennyy institut imeni Kirova.

FOL'MER, N.I., kand. sel'skokhoz. nauk

Early fall plowing. Zemledelie 27 no.8:27-28 Ag '65.
(MIRA 18:11)

1. Omskiy sel'skokhozyaystvennyy institut.

POLODIN, A.I.

KHOKHLOV, T.N., rukovoditel' teplovoznogo otdeleniya; POYDO, A.A.;
FUFRIANSKIY, N.A.; POLODIN, A.I.

Gas turbine locomotives. Trudy TSNII MPS no.87:5-51 '54.
(Gas turbine locomotives) (MLRA 8:3)

GERSHTEYN, S.S.; FOLOMESHKIN, V.N.; ZRELOVA, N.N., tekhn. red.

[Neutrino scattering on a polarized electron] Rasseianie
neitrino na poliarizovannom elektrone. Dubna, Ob"edinen-
nyi in-t iadernykh issledovaniy, 1963. 2 p.
(MIRA 17:1)

ACCESSION NR: AP4019257

S/0056/64/046/002/0818/0818

AUTHORS: Gershteyn, S. S.; Folomeshkin, V. N.

TITLE: Scattering of the neutrino by a polarized electron

SOURCE: Zhurnal eksper. i teor. fiz., v. 46, no. 2, 1964, 818

TOPIC TAGS: neutrino, antineutrino, neutrino polarized electron scattering, scattering cross section, neutrino scattering, antineutrino scattering, Feynman Gell Mann scheme

ABSTRACT: In view of the importance of the experimental observation of the $(\bar{\nu}e)$ interaction, the existence of which is predicted by the Feynman and Gell-Mann scheme (Phys. Rev. v. 109, 192, 1958), notice is taken of the strong spin dependence of the $\nu + e$ and $\bar{\nu} + e$ scattering cross sections, given by

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ACCESSION NR: AP4019257

$$\begin{aligned} \sigma_{\omega} &= 2\sigma_0\omega^2(1+\lambda)/(1+2\omega) \approx \sigma_0\omega(1+\lambda), \quad \omega \gg 1, \\ \sigma_{\omega} &= \frac{1}{3}\sigma_0\omega \left\{ \left(1 - \frac{1}{(1+2\omega)^2}\right) + \lambda \left[\left(1 + \frac{1}{\omega}\right) \left(1 - \frac{1}{(1+2\omega)^2}\right) - \right. \right. \\ &\quad \left. \left. - \frac{3}{2} \frac{1}{\omega} \left(1 - \frac{1}{(1+2\omega)^2}\right) \right] \right\} \approx \frac{1}{3}\sigma_0\omega(1+\lambda), \quad \omega \gg 1, \end{aligned}$$

where $\sigma_0 = 2G^2 m^2 / \pi = 8.4 \times 10^{-45} \text{ cm}^2$, $\omega = E/m$, E -- neutrino (anti-neutrino) laboratory-system energy, m -- electron mass, and λ -- electron polarization in the neutrino (antineutrino) beam direction. It is possible that this circumstance can be used in the scattering of a neutrino in magnetized ion to separate the effects of $\nu(\bar{\nu}) + e$ scattering from the background. "The authors are grateful to B. Pontecorvo and L. B. Okun' for discussions." Orig. art. has: 1 formula.

ASSOCIATION: Ob'yedinenny'y institut yaderny*kh issledovaniy
(Joint Institute of Nuclear Research)

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GERSHTEYN, S.S.; FOLOMESHKIN, V.N.

Neutrino scattering by polarized electrons. Zhur. eksp. i teor.
fiz. 46 no.2:818 F '64. (MIRA 17:9)

1. Ob'yedinennyy institut yadernykh issledovaniy.

Folomeyev, A.A.

SUSNIKOV, A.A., inzhener; FOLOMEYEV, A.A., inzhener.

Reinforced concrete products factory. Mekh.stroi. 11 no.11:7-9
N 154. (MLRA 7:12)

(Reinforced concrete) (Precast concrete construction)

FOLOMEYEV, A.A.

TAMARIN, A.A., kandidat tekhnicheskikh nauk; KHAYDUKOV, G.K., kandidat tekhnicheskikh nauk; FOLOMEYEV, A.A., inzhener.

Mechanization of preparation, transporting and applying of emulsion-oil lubricants. Mekh.stroi. 12 no.3:8-10 Mr '55' (MIRA 8:4)
(Precast concrete construction--Formwork)

POLOMEYEV, A.A., inzhener.

Selecting types of concrete placers. Mekh. stroi. 12 no.12:12-19
D '55. (Building machinery) (MLRA 9:2)

FOLOMEYEV, A.A., inzhener.

Device for stressing the reinforcements of precast concrete.

Mekh.stroi. 13 no.2:12-17 P '56.

(MLRA 9:5)

(Prestressed concrete)

POLOMEYEV, A.A., inzhener.

Vibration table equipment with a load capacity of 1 and 5 tons
for molding reinforced concrete products. Stroi. i dor. mashinostr.
1 no.3:14-15 Mr '56. (MIRA 10:1)
(Reinforced concrete)

FOLOMEYEV, A.A., inzhener.

Mechanizing the production of three-dimension reinforcement frames.
Mekh.stroi. 13 no.5:12-15 My '56. (MLRA 9:8)
(Reinforced concrete)

DAVIDENKO, M.F., inzhener; ~~POLOMEYEV, A.A., inzhener.~~

Hydraulic percussion unit for granulating blast furnace slags.
Mekh.stroi. 13 no.10:15-16 Ø '56. (MLBA 9:11)
(Hydraulic machinery) (Slag cement)

~~POLOMAYEV, A. A., nauchnyy redaktor;~~
ERUGLOV, S. A., redaktor; PYATAKOVA, N. D., tekhnicheskiy redaktor

[Equipment for prestressing] Oborudovanie dlia napriazhennogo
armirovaniia. Moskva, Gos. izd-vo lit-ry po stroit. materialam,
1957. 198 p. (MLRA 10:10)
(Prestressed concrete)

PERLOV, A.L.; POLOMEYEV, A.A.

Special conveying equipment for reinforced concrete plants. Stroi.
i dor. mashinostr. 2 no.4:15-19 Ap '57. (MIRA 10:6)
(Concrete plants) (Conveying machinery)

SAPOZHNIKOV, M.Ya.; SILENOK, S.G.; LAPIN, F.A.; ~~KOLOMEYEV, A.A.~~; GURVICH, E.A., red.izd-va; GILSON, P.G., tekhn.red.; SOLTYSEVA, L.M., tekhn.red.

[Machinery and equipment for making building products] Mekhanicheskoe oborudovanie dlia proizvodstva stroitel'nykh izdelii. Pod red. M.IA.Sapozhnikova. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam, 1958. 556 p. (MIRA 12:3)

1. Zaveduyushchiy kafedroy "Mashiny i oborudovaniye zavodov stroymaterialov" Vsesoyuznogo nauchno inzhenerno-stroitel'nogo instituta (for Sapozhnikov).
(Construction industry--Equipment and supplies)

14(2)

SOV/100-59-10-3/12

AUTHOR: Polomeyev, A.A., Engineer

TITLE: New Hydraulic Jacks for Stretching Reinforcing Steel

PERIODICAL: Mekhanizatsiya stroitel'stva, 1959, Nr 10, pp 8-12 (USSR)

ABSTRACT: The Moscow Machine Building Plant imeni Kalinin has developed a series of new hydraulic jacks and pumping stations which are now being produced in place of obsolete models. In Table 1 are shown 3 types of hydraulic jacks DS-15-125, DS-30-200 and DS-60-315 intended for stretching reinforcement rods, and DP-30-200 & DP-60-315 for stretching wire bundles. The table comprises basic parameters of these jacks and also of 2 pumping units NSR-400 and NSP-400, the former being operated by hand and the latter driven with an electric motor. The article gives a description of the design and operation of the jacks, whose technical characteristics are given in Table 2 and 3. The peculiarity in the design of these jacks consists in the application of differential pistons, whereby it is possible to obtain with a comparatively small diameter of cylinders considerable stretching force. Table 4 shows the technical characteristics of the pumping units NSP and NSR. The article gives also a comparison between the jacks of the Moscow Machine Building Plant and those of

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New Hydraulic Jacks for Stretching Reinforcing Steel

German, French and British make. In conclusion the article indicates in which direction further improvement of the equipment should develop. There are 5 tables, 4 diagrams and 3 photos.

Card 2/2

SUSNIKOV, A.A., inzh.; POLOMEYEV, A.A., inzh.

Prefabrication of reinforced concrete construction elements for use
in industrial construction. Prom.stroi. 37 no.8:15-20 Ag '59.
(MIRA 12:11)

(Precast concrete)

SUSNIKOV, Aleksandr Alekseyevich; KALACHEV, Valeriy Aleksandrovich;
LAPIR, Flaviy Al'bertovich; ROZANOV, Nikolay Petrovich;
POLOMYEV, Aleksandr Alekseyevich; SHAGINOV, D.L., dotsent,
retsensent; KOLDOMASOV, Ye.I., red.; DANILOV, L.N., red. izd-va;
MODEL', B.I., tekhn.red.

[Equipment for plants manufacturing reinforced-concrete products]
Oborudovanie zavodov zhelezobetonnykh izdelii. Moskva, Gos.
nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1960. 209 p.
(Precast concrete) (MIRA 13:12)

FOLOMEYEV, A.A., inzh.

Rural and village construction abroad. Stroi.i dor.mash. 6
no.7:39,3 of cover JI '61. (MIRA 14:7)
(Construction industry)

SUSNIKOV, A.A., inzh., Gosyot Sotsialisticheskogo Truda; FOLOMEYEV, A.A.,
inzh.

Raising the technological level of manufacturing precast reinforced concrete. Makh. stroi. 18 no.10:20-24 0 '61. (MIRA 14:11)

1. Giprostroyindustriya (for Folomeyev).
(Concrete plants)

SILENOK, S.G.; POLOMEYEV, A.A.; LAPIR, F.A.; GURVICH, E.A., red. izd-
va; KASIMOV, D.Ya., tekhn..red.

[Automation of the production of construction elements] Avtoma-
tizatsiia proizvodstva stroitel'nykh izdelii. Moskva, Gosstroi-
izdat, 1962. 109 p. (MIRA 15:7)
(Automation) (Building materials industry)

SAPOZHNIKOV, M.Ya.; Prinsipal uchastiye FOLOMEYEV, A.A., inzh.; SILENOK, S.G., retsenzent; SAVEL'YEV, Ye.Ya., red. izd-va; SOKOLOVA, T.F., tekhn. red.

[Mechanical equipment for the production of building materials and products] Mekhanicheskoe oborudovanie dlia proizvodstva stroitel'nykh materialov i izdelii. Moskva, Mashgiz, 1962. (MIRA 15:12)
520 p.

1. Gosudarstvennyy komitet Soveta Ministrov SSSR (for Silenok). (Building materials industry—Equipment and supplies)

FOLOMEYEV, A.A., inzh.

"Molding units for the manufacture of multiple-hollow reinforced concrete products" by P.A.Makarov, E.S.Tseitlin. Reviewed by A.A.Folomeev. Bet.1 zhel.+bet. 8 no.4:3 of cover Ap '62.
(MIRA 15:5)

(Precast concrete)
(Makarov, P.A.) (Tseitlin, E.S.)

ADDITION NR: APS018123

... meters. Recommendations were made for expanding the
... of prestressed cable-reinforced concrete along the

... none

ENCL: 00

... MM, NT

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L 38553-66 ENT(m)/EWP(k)/T/EWP(w)/EWP(v)/EWP(t)/ETI IJP(c) JH/JD/HM/JG/GD
 ACC NR: AT6012400 SOURCE CODE: UR/0000/65/000/000/0258/0262
 AUTHORS: Gruzdeva, L. A.; Folomeyeva, M. A.
 ORG: none
 TITLE: Investigation of alloy VT15 welded joints
 SOURCE: Soveshchaniye po metallokhimii, metallovedeniyu i primeneniyu titana i yego splavov, 6th. Novyye issledovaniya titanovykh splavov (New research on titanium alloys), trudy soveshchaniya. Moscow, Izd-vo Nauka, 1965, 258-262
 TOPIC TAGS: DURABILITY, PLASTICITY, WELD EVALUATION, metal welding, seam welding, titanium alloy, metal property / VT15 titanium alloy
 ABSTRACT: The strength and plasticity of alloy VT15 welded joints were investigated. Immediately after welding the welded joints of sheets of up to 4 mm thickness could be bent through 180° and had a strength of 85--90 kg/mm². Quenching from 800C (to increase strength) resulted in loss of plasticity by a factor of 2 and aging also had detrimental effects on plasticity. To find ways of increasing strength without affecting plasticity, four approaches were attempted: 1) welding of plated sheets (plated with titanium) to protect the metal from oxidation had some effect on the microstructure of the weld but did not solve the plasticity problem; 2) using titanium alloys with Al(3--3.5%), Mo(10--20%) and Re(0--0.2%) as additives did not improve the plastic properties of the welds; 3) high-temperature water quenching (from 900--1200C)
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L 38553-66

ACC NR: AT6012400

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after heating in argon improved strength (to 130--150 kg/mm²) but resulted in low plasticity after aging; 4) plastic deformation (50%) of the welded seam at a temperature of 650C followed by quenching in water from 800C and aging (500C for 10 hrs, 560C for 15 min) gave best results, increasing strength to 140--150 kg/mm² with plasticity of 100--125° (bending before failure). Photographs of seam microstructures for the various welding conditions are presented. Engineers V. M. Loskutov and B. M. Mikhaylov participated in some of the work. Orig. art. has: 3 figures.

SUB CODE: 13/ SUBM DATE: 02Dec65/ ORIG REF: 001

Card 2/2

L 38554-66 EWT(m)/EWP(k)/T/EWP(e)/EWP(w)/EWP(v)/EWP(t)/ETI IJP(c) JD/HM/JG/
ACC NR: AT6012401 GD SOURCE CODE: UR/0000/65/000/000/0263/0268

AUTHORS: Borisova, Ye. A.; Gruzdeva, L. A.; Folomeyeva, M. A.; Shashenkova, I. I.

ORG: none

TITLE: Effects of small amounts of boron, beryllium and lanthanum on the properties of welded seams of titanium alloys

SOURCE: Soveshchaniye po metallokhimii, metallovedeniyu i primeneniyu titana i yego splavov, 6th. Novyye issledovaniya titanovykh splavov (New research on titanium alloys); trudy soveshchaniya. Moscow, Izd-vo Nauka, 1965, 263-268

TOPIC TAGS: SEAM WELDING, DURABILITY, PLASTICITY, titanium alloy, metal welding, metal property, boron containing alloy, beryllium containing alloy, lanthanum containing alloy / VT-1 titanium alloy, OT4 titanium alloy, VT5 titanium alloy, VTZ-1 titanium alloy

ABSTRACT: The effects of small amounts of boron, beryllium and lanthanum on the mechanical properties and structure of titanium alloy welded seams were experimentally investigated on alloys VT1-1, OT4, and VT5. Butt-welded (argon-arc) 2-mm thick specimens were tested over a temperature range of 20--500C, and curves of tensile strength and bending angle (to test for plasticity) at failure are presented for different additives over this temperature range. Photographs of the welding seam microstructures for different amounts of the additives are also shown. It was found that: addition of up to 0.04% Be, 0.12% B, and 0.10% La had no effect on the mechanical

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ACC NR: AT6012401

properties of the alloys over the temperature range 20--500C; addition of Be increases the yield strength of OT4 and VT5 welds without any effect on the plastic properties or on the microstructure; addition of up to 0.13% B modifies the structure of OT4 and VT5 welds and slightly increases strength but at decreased plasticity. The results justify further experiments on adding Be into welding rod alloys. Orig. art. has: 4 figures and 2 tables.

SUB CODE: 11, 13/ SUBM DATE: 02Dec65/ ORIG REF: 003

Card

2/2

KUZNETSOV, B.A., doktor biologicheskikh nauk; FOLOMEYEVA, V.S.,
mladshiy nauchnyy sotrudnik

Commercial properties of processed and dyed pelts of black pure-
bred karakul. Nauch.-issl.trudy NIIMP no.10:11-24 '60
(MIRA 14:4)

(Karakul sheep)

KUZNETSOV, B.A., doktor biolog.nauk; FOLOMEYEVA, V.S., mladshiy nauchnyy
sotrudnik

Commercial characteristics of dressed and dyed skins of local karakul
and astrakhan lamb. Nauch.issl.trudy NIIMP no.11:51-70 '62.
(MIRA 16:5)

(Fur--Grading)

FOLOMIN, A.

Folomin, A. - Drying wood at raised temperatures. I. (To be contd.) p.2

SO: Monthly List of East European Accessions List (EEAL) LC, Vol 4, No. 11
November 1955, Uncl.

POLOMIN, A., kandidat tekhnicheskikh nauk.

High-temperature drying of lumber in petrolatum. Gor. i sel'.stroj.
no.1:23-25 Ja '57. (MIRA 10:4)
(Lumber--Drying) (Petrolatum)

POLOMIN, A., inzhener-polkovnik; POLONSKIY, V., inzhener.

Simple method of fireproofing camouflage material. Voen.-inzh. zhur.
101 no. 5:24-26 My '57. (MLRA 10:6)
(Camouflage (Military science))
(Fireproofing)

FOLOMIN, A., doktor tekhn.nauk; KRICHEVSKAYA, Ye., kand.tekhn.nauk; KLEPATSKIY,
G., inzh.

New instructions for designing roofs without attic floors. Zhil.stroi.
no.12:26-29 '64. (MIRA 18:2)

POLOMEYEV, V.A., kand.tekhn.nauk, dotsent

Heat pumps for agricultural use. Trudy MIMESKH 8:131-149 '59.
(MIRA 13:9)

(Heat pumps)

FOLOMIN, A.I., kand.tekhn.nauk

Fire prevention measures in prefabricated housing construction.
Stroi.prom. 27 no.4:17-19 Ap '49. (MIRA 13:2)
(Fire prevention)

FOLOMIN, A.I., kand.tekhn.nauk

Methods for prolonging the life of houses of few stories.

Stroi.prom. 27 no.6:9-12 Je '49. (MIRA 13:2)

(Wood preservation) (Buildings, Prefabricated)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000413420009-8

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000413420009-8"

FALOMIN, A. I.

FALOMIN, A.I., redaktor; VOLKHOVER, R.S., tekhnicheskiiy redaktor.

[Problems of the science of wood] Voprosy drevesinovedeniia;
sbornik trudov; Moskva, Goslesbumizdat, 1953. 70 p. (MLRA 7:7)

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PH
Falomin
1. Vsesoyuznoye nauchnoye inzhenerno-tekhnicheskoye obshchestvo
lesnoy promyshlennosti i lesnogo khozyaystva.
(Wood)

Felomin, H. I.

USSR :

High-temperature high speed drying and antiseptic treatment of wood. A. I. Felomin. *Stroitel' Prom* 12 No. 9, 1958, 1341. Wood from the sapwood and effectively dried by penetrating a mixt. of paraffin and water heated to 130°. The original 57.8% H₂O of 4.2 cm. thick pine boards was reduced to 17.6% in 7 hours. The percentage rate of moisture loss per hour was linear. The mixt. penetrated the wood to the full thickness and required around 350 g./sq. cm. of the paraffin. It did not extrude any paraffin on the surface. Water but less of free paraffin was extruded from the wood. Water but less of free paraffin was extruded from the wood.

FOLOMIN, A.I., kandidat tekhnicheskikh nauk.

Drying wood in petrolatum at high temperatures. Der.prom.⁴
no.4:3-7 Ap '55. (MLRA 8:6)
(Lumber-Drying)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000413420009-8

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000413420009-8"

GOLDIN, Mikhail Mikhaylovich.; FOLOMIN, A.I., red.; UCHITEL', I.P., red. 1zd-va,;
LELYUKHIN, A.A., tekhn. red.

[Preventing decay in wooden elements of residential buildings]
Protivognilostnaya zashchita dereviannykh konstruktsii pri ekspluatatsii
zhilykh zdaniy. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1958. 166 p
(MIRA 11:12)

(Wood--Preservation)
(Dwellings--Maintenance and repair)

FOLOMIN, A., doktor tekhn. nauk; GOLDIN, M., kand. tekhn. nauk

Stations for controlling wood-staining fungi. Zhil.-kom. khoz.
8 no.12:26 '58. (MIRA 13:1)

(Wood-staining fungi)

KARLSEN, G.G., doktor tekhn.nauk, prof.; BOL'SHAKOV, V.V., doktor tekhn.nauk, prof.; KADAN, M.Ye., doktor tekhn.nauk, prof.; SVENTSITSKIY, G.V., kand.tekhn.nauk, dotsent; ALEXANDROVSKIY, K.V., dotsent; BOCHKAREV, I.V., kand.tekhn.nauk, dotsent [deceased]; POLOMIN, A.I., doktor tekhn.nauk; ~~Prinimali uchastie:~~ KOLOMIN, G.P., inzh.; SILIN, V.N., dotsent, kand.tekhn.nauk; PISCHIKOV, V.G., kand.tekhn.nauk, dotsent, nauchnyy red.; IVANKOV, P.T., dotsent, red.; BORODINA, I.S., red. izd-va; RUDAKOVA, N.I., tekhn.red.

[Wooden structures] Dereviannye konstruksii. Izd.3., perer. i dop. Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 642 p. (MIRA 15:2)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury SSSR (for Karlson).

(Building, Wooden)

PERTSOV, A.V.; FOLOMIN, A.I.

High-temperature drying of green pine logs and their subsequent
impergnation with oily antiseptics. Nauch.sob. TSNIISK no.6:3-
76 '61. (MIRA 14:11)

(Pine)

(Wood—Preservation)

LOSKUTOVA, L.T.; MAKOTINSKIY, M.P., kand. arkh.; RUDINA, M.A., arkh.;
SHPANOV, I.A., arkh. Prinimal uchastiye LIVSHITS, A.M., inzh.;
GROMOV, V.L., kand. tekhn. nauk, retsenzeng; KRASNOVSKIY,
N.V., kand. tekhn. nauk, retsenzent; PAVLOV, V.P., kand. tekhn.
nauk, retsenzent; PODZOROVA, N.G., inzh., retsenzent; FOLOMIN,
A.I., doktor tekhn. nauk, retsenzent; GURVICH, E.A., red.

[Catalog of finishing materials and elements] Katalog otdeloch-
nykh materialov i izdelii. Moskva, Gosstroizdat. Pt. 6. [Wood
and paper] Derevo i bumaga. 1962. 56 p. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut novykh stroi-
tel'nykh materialov.

(Finishes and finishing)

ANAN'IN, Petr Ivanovich, kand. tekhn.nauk; PETRI, Viktor Nikolayevich,
doktor sel'khoz. nauk, prof.; POLOMIN, A.I., red.; LEHEDEVA,
I.D., red. izd-va; BACHURINA, A.M., tekhn. red.

[High-temperature drying of wood] Vysokotemperaturnaya sushka
drevesiny. Moskva, Goslesbumizdat, 1963. 124 p. (MIRA 16:6)
(Lumber—Drying)

FOLOMIN, A.I., doktor tekhn.nauk; SAFONOV, A.M., inzh.

New trends in the practice of roofing industrial buildings. Prom.
stroitel. 41 no.3:45-47 Mr '64. (MIRA 17:3)

FOLOMIN, A.I., doktor tekhn. nauk; SFAONOV, A.M., inzh.

Breaks in the rubberoid roofing on large-panel roofs.

Prom. stroi. 41 no.4:51-52 Ap '64.

(MIRA 17:9)

VAYNBERG, G.D., inzh.; KRICHEVSKAYA, Ye.I., kand. tekhn. nauk;
MAZALOV, A.N., inzh.; ROZENFEL'D, A.G., inzh.; FOLOMIN,
A.I., doktor tekhn. nauk; TESLER, P.A., kand. tekhn. nauk;
SHOLOKHOV, V.G., arkhitekt.; RUBANENKO, B.R., glav. red.;
ROZANOV, N.P., zam. glav. red.; ONUFRIYEV, I.A., red.;
YUDIN, Ye.Ya., red.; NASONOV, V.N., red.; ISIDOROV, V.V.,
red.; MAKARICHEV, V.V., red.; POLUBNEVA, V.I., inzh., red.

[Improving the durability of industrial built-up roofs]
Voprosy povysheniya dolgovechnosti industrial'nykh sovme-
shchennykh krysh. Moskva, Gosstroizdat, 1962. 43 p.
(MIRA 17:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-
issledovatel'skiy institut organizatsii, mekhanizatsii i
tekhnicheskoy pomoshchi stroitel'stvu. 2. Tsentral'nyy
nauchno-issledovatel'skiy i proyektno-eksperimental'nyy
institut industrial'nykh, zhilykh i massovykh kul'turno-
bytovykh zdaniy Akademii stroitel'stva i arkhitektury SSSR
(for Vaynberg, Krichevskaya, Mazalov, Rozenfel'd, Folomin).
3. Nauchno-issledovatel'skiy institut stroitel'noy fiziki
Akademii stroitel'stva i arkhitektury SSSR (for Sholokhov).
4. Nauchno-issledovatel'skiy institut betona i zhelezobe-
tona Akademii stroitel'stva i arkhitektury SSSR, Perovo
(for Tesler).

AVRUTIN, Yuliy Yefremovich, inzh.; KRICHEVSKAYA, Yelizaveta
Iosifovna, kand. tekhn. nauk; LEVITAN, Yefim Petrovich,
kand. tekhn. nauk; TUPOLEV, Mikhail Sergeyevich, doktor
arkhitekt; FOLOMIN, Aleksandr Ivanovich, doktor tekhn.
nauk;

[Precast reinforced concrete roofs for large-scale
construction] Sbornye zhelezobetonnye kryshi dlia massovogo
stroitel'stva. [By] IU.E.Avrutin i dr. Moskva, Stroizdat,
1965. 222 p. (MIRA 18:4)

KLEPATSKIY, K.P., inzh., red.; FOLOMIN, A.I., doktor tekhn. nauk, red.; KRICHEVSKAYA, Ye.I., kand. tekhn. nauk, red.

[Instructions on designing built-up roofs for apartment and public buildings] Ukazaniia po proektirovaniu bescherdachnykh krysh zhilykh i obshchestvennykh zdani (SN 51-64). Izd. ofitsial'noe. Moskva, Stroiizdat, 1965. 23 p. (MIRA 18:9)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po grazhdanskomu stroitel'stvu i arkhitekture. 2. Gosudarstvennyy komitet po grazhdanskomu stroitel'stvu i arkhitekture pri Gosstroye SSSR (for Klepatskiy). 3. Tsentral'nyy nauchno-issledovatel'skiy i proyektnyy institut tipovogo i eksperimental'nogo proyektirovaniya zhilishcha (for Folomin, Krichevskaya).

S/135/60/000/008/008/010
A006/A002

AUTHORS: Spektor, O.Sh., Folomkin, B.I., Engineers

TITLE: The "УРХС -4" (URKhS-4) Installation for Oxygen-Flux Cutting of Stainless Steel ✓

PERIODICAL: Svarochnoye proizvodstvo, 1960, No. 8, pp. 33-35

TEXT: Installations for the oxygen-flux cutting of stainless steel, developed during the past years, operate mainly on the system of double flux injection (the "УРХС -3" (URKhS-3) installation, designed by VNIIAVTOGEN), on the system of single-duct flux feed under high pressure (the "УФР-2" (UFR-2) machine designed by MVTU imeni Bauman) and on the system of external flux feed. A comparison of the cutting speeds and the specific flux consumption obtained in operation on these systems is given. (Figures 2 and 3). It appears from these graphs that installations operating on an external flux feed ensure a cutting efficiency raised by a factor of 1.5 - 2 and a flux consumption reduced by a factor of 2 - 4, compared to indices for the URKhS-3 and UFR-2 installations. The URKhS-4 machine was developed for oxygen-flux cutting with external flux feed and oxygen as a flux-bearing gas. The system of the installation is shown (Figure 4) and its ✓

Card 1/3

S/135/60/000/008/008/010
A006/A002

The "УРХС -4" (URKhS-4) Installation for Oxygen-Flux Cutting of Stainless Steel

operational features are described. The use of external flux feed to the cutter, made it possible to simplify the design of the flux feeder and to employ cutters used in conventional oxygen cutting of low-carbon steel. Moreover, the use of a cyclone flux feeding device ensured the accurate dosage of small amounts of powder supplied to the area of cutting. Speeds of cutting stainless steel, attained on the "URKhS-4" machine exceed those of the URKhS-3 machine by a factor of 1.8-2.3; they may be compared to speeds of cutting low-carbon steel of the same thickness. The higher speeds are achieved by increased oxygen consumption without a higher flux consumption, by a smaller width of the oxidation reaction front, and by the intensified fluxing of oxides. The specific flux consumption of the URKhS-4 machine was by 2-4 times lower than that of the URKhS-3 machine due to a finer grain size of the flux (less than 0.15 mm) and a better distribution of the flux over the cutting area. As a result the cost of material per 1 running meter of cut was reduced by a factor of 1.3-2. The "BM" (VM) iron powder of the following composition is recommended for use on the URKhS-4 machine: 94-96% Fe (total); 0.4% C; 1.2% Si; 0.5% Mn; 0.06% S; 0.05% P. The loose weight is 2.1-2.3 g/cm³. Experiments performed with optimum initial values were used to establish some analytical dependences for the main parameters of the process such

Card 2/3

S/135/60/000/008/010
A006/A002

The "YPXC -4" (URKhS-4) Installation for Oxygen-Flux Cutting of Stainless Steel

as the cutting speed, the optimum oxygen consumption, the cutting flame power and the average width of the cut. Average conditions for cutting "1X18H9T" (1Kh18N9T) steel on the URKhS-4 machine, corresponding to the presented formulae, are given in a table. There are 1 table and 6 figures. ✓

ASSOCIATION: VNIIAVTOGEN

Card 3/3

POLOM'YEVA, O. I. Cand Med Sci -- (diss) "Vena linealis (Intra- and extra-organic structure)." Ryazan', 1959. 19 pp (Ryazan' Med Inst im Academician I. P. Pavlov), 200 copies (KL, 46-59, 140)

74
-15-

FOLOP, Bela, dr.

Observations on the examination of hearing in connection with so-called labyrinth function tests. Fulorrgegegyogyaszat 8 no.1:22-25 Mr '62.

1. A Hevesmegyei Tanacs Korbaza (Eger) Ful-, orr-, gegeosztalyanak (Foovos: Fulop Bela dr.) kozlemenye.

(LABYRINTH physiol) (HEARING TESTS)

FOLOVIN, A.F.

Dmitrii Konstantinovich Chernov, the founder of Russian metallurgy.
Trudy po ist.tekh. no.5:39-57 '54. (MLRA 8:1)
(Chernov, Dmitrii Konstantinovich, 1839-1921)

FOLSCH, G.

Chemical studies on serine peptides. Coll Cz Chem 27 no.9:2244 S '62.

1. Institute of Medical Chemistry, University of Goteborg, Sweden.

FOLTA, Jaroslav

N. I. Lobacevskij and B. Bolzano. Pokroky mat fyz astr 6 no.5:
283-284 '61.

(Lobacevskij, N. I.) (Bolzano, B.)
(Mathematics)

FOLTA, Jaroslav (Praha)

Translations of Struika's "Concise History of Mathematics".
Reviewed by Jaroslav Folta. Cas pro pes mat 87 no.1:106 '62.

FOLTA, Jaroslav

Forty years since the death of the Vaněček brothers.
Pokroky mat fyz astr 8 no.1:28-30 '63.

FOLTA, Jaroslav (Praha)

"100 years of the Association of Czechoslovak Mathematicians and
Physicists" by Frantisek Vesely. Reviewed by Jaroslav Folta. Cas
pro pes mat 88 no.1:111-112 '63.

L 56711-65

ACCESSION NR: AP5018834

CZ/0028/64/000/0015/0302/0306

AUTHOR: Folta, Jaroslav (Prague)

TITLE: Mathematics, "mathematization," improvement of qualification, and people's universities

SOURCE: Pokroky matematiky, fyziky a astronomie, no. 5, 1964, 302-306

TOPIC TAGS: education, general mathematics, training

ABSTRACT: Discussed is the necessity of expanding the teaching of mathematics in view of recent developments (cybernetics, information theory) and the growing application of mathematics ("mathematization") in various branches of science. Since the training of teachers is a long-range proposition, special courses are organized for specialists by the Czechoslovak Society for Improvement of Political and Scientific Knowledge. Czechoslovak society pro sirení politickych a vedeckych znalosti and with a system of people's academies and universities the work of which is described.

Card 1/2

L 56711-65
ACCESSION NR: AP5018834

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODH: 00, MA

NR REF SOV: 000

OTHER: 000

JPRS

PR
Card 2/2

FOLTA, Jaroslav (Prague)

Remarks on the work of Rudolf Slansky. Cas pro rest. int. 89 no. 3:
373-382 Ag '64.

L 32022-66 WW/JW
ACC NR:AP6005504

(A)

SOURCE CODE: CZ/0078/66/000/001/0023/0023

AUTHOR: Folta, Jiri (Prague)

53
B

ORG: none

TITLE: Spark ignition of gases. CZ Pat. No. PV 992-63

SOURCE: Vynalezny, no.1, 1966, 23

TOPIC TAGS: ignition system, electrode, inert gas, iodine, spark ignition

ABSTRACT: An Author Certificate has been issued for a spark ignition to be used mainly in jet-or turbine-aircraft engines as well as in gas turbines. The spark-gap enclosure is filled with a gaseous medium which prevents any vaporization of the electrodes and insures a constant flashover voltage. The gas medium consists either of iodine vapors, inert gases, e.g., argon, nitrogen, or xenon to which iodine vapors are added. [KP]

SUB CODE: 21/ SUBM DATE: 20Feb63

Card 1/1 *Jo*

FOLTA, M.

Use of the graphic and dispatcher methods and in the foundry industry. p.296. (Technika
Praca. Bratislava. Vol. 8, no. 7, July 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

EINHORN, Jerzy; FOLTA, Marian

Case of bilateral symmetric and slow fracture of the femoral neck in Milkman's syndrome. Polski tygod. lek. 11 no.30:1331-1334 23 July 56.

1. Z III Kliniki Chorob Wewnętrznych Śląskiej Akad. Med.,
kierownik: prof. dr. Kornel Gibinski i z Kliniki Chirurgii
Ortopedycznej Śląskiej Akad. Med; Kierownik: prof. dr.
Marian Garlicki. Bytom, III Kl. Chor. Wewn., ul. Batorego 15.
(BONES, diseases,

Milkman's synd. with bilateral symmetric fract. of
femoral neck (Pol))
(FEMUR, NECK, fractures,
in Milkman's synd., bilateral symmetric (Pol))

FOLTA, Marian

FOLTA, Marian (Bytom, ul. Batorego 15)

Critical remarks on the conservative treatment of scoliosis. Chir.
narz. ruchu 22 no.2:229-232 1957.

1. Z Kliniki Chirurgii Ortopedycznej Sl. A. M. w Bytomiu Kierownik:
prof. dr M. Garlicki.

(SCOLIOSIS, ther.

conservative, indic. (Pol))

FOLTA, Marian; GIBUREK, Zbigniew

Primary aseptic necrosis of the femoral head as a cause of degenerative changes of the hip joint. Reumatologia (Warsz.) 3 no.3:263-267 '65.

1. Z Kliniki Ortopedycznej Slaskiej AM w Bytomiu (Kierownik: prof. dr. med. G. Weisflog) i z I Kliniki Chorob Wewnętrznych Slaskiej AM w Katowicach (Kierownik: prof. dr. med. J. Japa).

S/194/62/000/005/025/157
D256/D308

AUTHORS: Senk, Jaromir, and Folta, Jan

TITLE: Two - and three-position proportional-action magnetic regulators

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 5, 1962, abstract 5-2-111 ya (Czechosl. pat. kl. 42 q, 3/01, 42 q, 5, no. 94657, 15.03.60)

TEXT: It is pointed out that the conventional 2- and 3-position el. regulators are often useless owing to their poor accuracy of regulation. The accuracy can be improved by introducing make- and break operation, the pulse length being proportional to the magnitude of the controlled deviations. The proposed regulator incorporates magnetic control and a pulsing device, and it stands up to the required high standard of accuracy of control. The circuit diagrams of the 2- and 3-position regulators and their static characteristics are given. [Abstractor's note: Complete translation]. ✓

Card 1/1

FOLTA, Jaroslav

"From the history of science and technology in Slovakia." Vol.1.
Reviewed by Jaroslav Folta. Pokroky mat fyz astr 8 no.4:250-251
'63.

PHASE I BOOK EXPLOITATION

z/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Konšický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)

z/6284

V. Svoboda, J. Šinták, J. Feirfeil, and J. Měšťan (Prague Electrical Engineering Plant, Prague). Axial Compressors Manufactured by the Českomoravská Kolben Daněk Electrical Equipment Plant

457

V. Polta and M. Vlasák (State Research Institute for Heat Engineering, Prague). Theoretical and Experimental Results of Studies on the Properties of Axial Compressors

485

M. Vlasák. Axial Compressors for High Pressure Ratios

499

R. Dvořák (Institute for Machine Research, Czechoslovak Academy of Sciences, Prague) and K. Celikovsky (Aviation Research and Testing Institute, Lethany). Flow in the Transonic and Supersonic Stage of an Axial Compressor

513

O. Buřata ("Jan Šverma" Plant, Jinonice). Inlet Air in a Radial Compressor at Transonic Flow Velocities

529

Card - 7/8 5/2

FCLTA, V.

PHASE I BOOK EXPLOITATION

JUN 25 2/6284

42

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

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Card 1/8

Basic Problems in the Construction (Cont.)

Z/6284

V. Svoboda, J. Šinták, J. Feirfeil, and J. Měšťan (Prague Electrical Engineering Plant, Prague). Axial Compressors Manufactured by the Ceskomoravska Kolben Daněk Electrical Equipment Plant

457

V. Foltá and M. Vlasák (State Research Institute for Heat Engineering, Prague). Theoretical and Experimental Results of Studies on the Properties of Axial Compressors

485

M. Vlasák. Axial Compressors for High Pressure Ratios

499

R. Dvořák (Institute for Machine Research, Czechoslovak Academy of Sciences, Prague) and K. Celikovsky (Aviation Research and Testing Institute, Lethary). Flow in the Transonic and Supersonic Stage of an Axial Compressor

513

O. Buňata ("Jan Šverma" Plant, Jinonice). Inlet Air in a Radial Compressor at Transonic Flow Velocities

529

Card 7/8

FOLTAN, Ivan

Screen pressing in the shoe industry. Kozarstvi 13 no.9:
279-280 S '63.

1. Vyskum a vyvoj pri Zavodoch 29. augusta, n.p., Partizanske.

FOLTAN, Ivan; CINKOVA, Darina

Setting of leather. Kozarstvi 13 no.10:314-317 0 63.

1. Zavody 29. augusta, n.p., Parizanske.

FOLTANOVA, D.

Dynamic climatological evaluation of the temperature and precipitation conditions in Brno. Meteor zpravy 17 no.2:33-37 Ap '64.

1. Institute of Geodesy, Czechoslovak Academy of Sciences, Brno.

FOLTANSKA, H.
OKNINSKA, Anna; FOLTANSKA, Hanna

A case of congenital hypothyroidism with generalized muscular hypertrophy in an infant (Debre-Semelaigne syndrome). *Pediat. polska* 32 no.9:1041-1047 Sept 57.

1. Kliniki Diagnostyki Chorob Dzieci A. M. w Warszawie Kierownik:
prof. dr med. Z. Lejmbach.

(CRETINISM, case reports

with prog. musc. dystrophy (Pol))

(PROGRESSIVE MUSCULAR DYSTROPHY, in inf. & child

with cretinism, case report (Pol))

TULCZYNSKA, Helena; FOLTANSKA, Hanna; ZAWADZKI, Zbigniew A.

A case of familial hypoplastic anemia in childhood (Fanconi's syndrome.)
Polski tygod. lek. 16 no.32:1233-1235 7 Ag '61.

1. Z Kliniki Diagnostyki Chorob Dziecięcych A.M. w Warszawie; kierownik
Kliniki: prof. dr med. Zofia Lejmbach i z Pracowni Hematologicznej
Instytutu Hematologii w Warszawie; dyrektor: doc. dr med. A. Trojanowski.

(ANEMIA in inf & child)

FOLTANSKA, Hanna; TOMASZEWSKI, Leszek

Amino aciduria in rheumatic disease in children. *Pediat. pol.*
36 no.6:585-595 '61.

1. Z Kliniki Diagnostyki Chorob Dzieci AM w Warszawie Kierownik:
prof. dr med. Z Lejmbach i z Laboratorium Zespołu Klinik PSK nr
3 AM w Warszawie Kierownik Laboratorium: dr med. L. Tomaszewski.
(AMINO ACIDS urine) (RHEUMATIC FEVER urine)

FOLTANSKA, Hanna; RONDYU, Zdzislaw; TMAKOWSKA, Elzbieta

A case of laryngo-tracheo-bronchitis treated by tracheotomy with the use of steam condenser. Pol. tyg. lek. 19 no.38: 1460-1461 21 S '64

1. Z Kliniki Diagnostyki Chorob Dziecięcych Akademii Medycznej w Warszawie (Kierownik: prof. dr.med. Z.lejmbach) Kliniki Chirurgii Dziecięcej Instytutu Matki i Dziecka (Kierownik: prof. dr. med. W.Poradowska) i Pdziału Laryngologii Dziecięcej PSK nr. 3 w Warszawie (Kierownik: dr. K. Szczypiorski).